## CLAIMS

- 1. An intermetallic material, consisting of the following composition (% by weight): 8-15% Al, 15-25% Cr, 20-40% Co, 0-5% Ta, 0-0.03% La, 0-0.5% Y, 0-1.5% Si, 0-1% Hf, 0-0.2% Zr, 0-0.2% B, 0-0.1% C, 0-4% Fe, remainder Ni and inevitable impurities.
- The intermetallic material as claimed in claim 1,
  consisting of the following composition (% by weight):
  12% Al, 22% Cr, 36% Co, 0.2% Y, 0.2% Hf, 3% Fe,
  remainder Ni and inevitable impurities.
- 3. The intermetallic material as claimed in claim 1, consisting of the following composition (% by weight): 10% Al, 22% Cr, 36% Co, 0.2% Y, 0.2% Hf, 2% Ta, 3% Fe, remainder Ni and inevitable impurities.
- 4. The use of the intermetallic material as claimed in one of claims 1 to 3 as a high-temperature coating (15) in thermal turbomachines.
- The use of the intermetallic material as claimed in one of claims 1 to 3 as a felt on components which
   are subject to friction in thermal turbomachines.
  - 6. The use of the intermetallic felt as claimed in claim 5, characterized in that the intermetallic felt is arranged on a rotor (4, 4a) or stator (4, 4b).

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- 7. The use of the intermetallic felt as claimed in claim 5, characterized in that the component (1, 8) is a turbine blade or vane (1), and the tip (11) of the turbine blade or vane (1) is equipped with an intermetallic felt (2).
- 8. The use of the intermetallic felt as claimed in

claim 5, characterized in that the component (1, 8) is a turbine blade or vane (1) and the platform (12) of the turbine blade or vane (1) is equipped with an intermetallic felt (2).

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9. The use of the intermetallic felt as claimed in claim 5, characterized in that the component (1, 8) is a heat shield segment (8) made partially or completely from an intermetallic felt (2).

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10. The use of the intermetallic felt as claimed in one of claims 5 to 8, characterized in that the intermetallic felt (2) is covered with a ceramic material (3).

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11. The use of the intermetallic felt as claimed in claim 5, characterized in that the felt is used on components which are subject to vibration in thermal turbomachines.